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Tuesday, October 16, 1990



AP Photo

Israeli soldier holds a Palestinian by the shirt Thursday after he arrested during a protest march in Jerusalem. Police blocked others, preventing them from reaching the Temple mount.

'I am moved'

Gorbachev wins Nobel Peace Prize

Associated Press

OSLO, Norway — Soviet President Mikhail S. Gorbachev won the 1990 Nobel Peace Prize on Monday for easing international tensions, but claimed it as an endorsement of wrenching changes he has made at home.

The Norwegian Nobel Committee said the 59-year-old Soviet leader displayed a "leading role in the peace process which today characterizes important parts of the international community."

"Words fail one at such moments. I am moved," Gorbachev said in a television interview.

Gorbachev has been criticized at home because some of his social and economic reforms, called perestroika, have led to bloody ethnic rioting, food shortages, and demands by most Soviet republics for independence.

"We know that there are great problems (in the Soviet Union), but that is not what he got his prize for," said Gidske Anderson, leader of the five-person Nobel Committee. "The big thing that is happening in the world is the reconciliation of the superpowers."

The committee's citation said the "greater openness (Gorbachev) has brought about in Soviet society has also helped promote international trust."

The committee said Gorbachev had made many contributions to the "dramatic changes" in East-West relationships since he came to power in 1985.

"Confrontation has been replaced by negotiations. Old European nation states have regained freedom. The arms race is slowing down and we see

a definite and active process in the direction of arms control and disarmament."

Gorbachev told a Norwegian TV interviewer his reforms were popular outside the Soviet Union because "the world was ripe for change."

"It had grown tired of the Cold War, the arms race, the hardships resulting from an overload of current problems facing the world community," he said.

In the past five years, the Soviet Union has agreed to reduce nuclear and conventional armed forces, helped settle regional conflicts in Africa, Asia and Latin America and its withdrawn forces from Afghanistan.

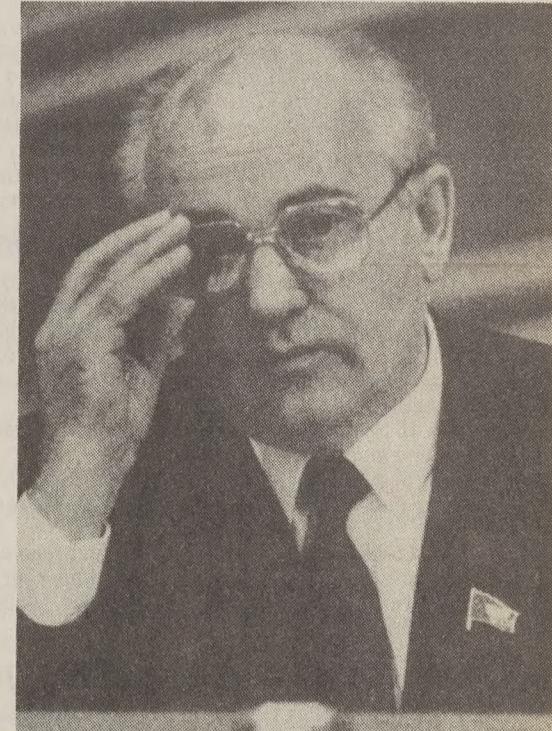
President Bush called Gorbachev "a courageous force for peaceful change in the world."

Some Soviet citizens were less enthusiastic about the honor for Gorbachev. "I don't know much about politics, but what I see in the stores, I hold the government responsible for," said Lyova Likacheva, a 35-year-old Moscow factory worker. "And what I see in the stores is nothing."

The 71st Peace Prize, worth about \$700,000, was the first to a Soviet leader.

The Nobel Memorial Prize in Economic Science, established by the Central Bank of Sweden in 1968, will be awarded Tuesday. The Nobel physics and chemistry prizes will be awarded Wednesday.

Last week, Mexican poet and essayist Octavio Paz won the prize for literature. Two American doctors, Joseph E. Murray and E. Donnall Thomas, won the prize in medicine for pioneering organ and bone marrow transplants.



MIKHAIL S. GORBACHEV

Reduction in PM-10 doubted by experts

By MICHAEL HAMMER
Senior Reporter

Geneva Steel's modernization efforts will help air quality in Utah Valley, but some environmentalists are skeptical and say the company and Utah Valley inhabitants can still do more for clean air.

As part of its modernization effort, Geneva Steel is installing new equipment which it says will control more than 96 percent of total emissions. The new equipment includes a Q-BOP steel-making facility, a catalytic sulfur removal process and a biological waste water treatment plant.

The Q-BOP will replace the open hearth furnaces, and, according to figures provided by Geneva Steel, will eliminate 92 percent of the total open hearth PM-10 emissions, which account for 20 percent of the total plant PM-10 emissions.

One problem, said Lee Hansen, a BYU chemistry professor, is we don't know where the PM-10 is coming from within the plant.

Hansen, who worked with the Utah Governor's Clean Air Commission, said if the PM-10 is coming from the open hearths, then the new equipment will do some good, but if it is coming from the coke ovens, then it will not do much at all.

Sam Rushforth, a BYU botany professor and environmental activist, says he feels the most significant health hazard in the valley is coke emissions, which won't be affected by the new equipment.

Geneva has relatively good coke ovens, Rushforth said, but in the winter, when the inversions hit, you get a build up of particulates from all sources, including coke ovens.

"We have the highest levels of PM-10 of any area in the country where coking occurs," Rushforth said.

PM-10 comes from diesel, railroad, wood stoves and Geneva Steel, Hansen said.

Particles of less than 20 micrometers penetrate lung defenses into the trachea and lung, Hansen said. These particles are "deposited into the lung and complex biological things start to happen." If these particles are toxic it can lead to disease.

See PM-10 on page 7

'Hitler revisited' says Bush of Iraq

Associated Press

President Bush said Monday that Iraqi atrocities in Kuwait could lead to trials similar to those held after World War II, and his defense secretary said U.S. troops will stay in Saudi Arabia as long as needed.

Iraq, meanwhile, insisted it would fight rather than withdraw from Kuwait.

"Hitler revisited," Bush said in Dallas of Iraqi actions in the tiny emirate that Saddam Hussein's troops seized Aug. 2.

"But remember, when Hitler's war ended there were the Nuremberg trials. Every day now, new word filters out about the ghastly atrocities perpetrated by Saddam's forces," Bush said.

Earlier Monday, U.S. Defense Secretary Richard Cheney said Americans would stay "as long as the Saudis want us ... as long as it takes to get the job done. No one should underestimate our staying power."

"Time is much more likely to be on our side than it is on his side," Cheney said, referring to Saddam and the U.S.-led multinational force.

Asked if there was the political will in the United States to maintain troops in Saudi Arabia for years, Cheney said: "There certainly is."

The defense secretary, who spoke in London as part of a 10-day tour that also will take him to Moscow, said

economic sanctions were only just beginning to hurt Iraq. He stressed that America hopes to avoid war.

Iraq denied it was softening its stance on the gulf crisis.

"Kuwait is the 19th province of Iraq and this fact will not be changed whatsoever even if we fight a long war for that," Information Minister Lafif Nasayif Jassim was quoted as saying.

He told reporters in Baghdad Sunday night that he believes a U.S.-led attack is imminent, but that Iraq would not fire the first shot, the official Iraqi News Agency reported.

"We expect the war at any moment and we are ready to fight against the Americans and those who come with them," he said.

The remarks appeared intended to reassure its citizens and counter reports that Saddam might be wavering in his determination to hold onto Kuwait. Palestine Liberation Organization Chairman Yasser Arafat

met with Saddam Sunday and said later that the Iraqi president was showing a "certain flexibility" regarding his claims to Kuwait.

Arafat spoke in Tunis after meeting with the French foreign minister. Diplomatic sources in Baghdad said Arafat is trying to persuade the Iraqis to talk with the French, who suggested Iraq's withdrawal from Kuwait might be linked to an Israeli withdrawal from the West Bank and Gaza Strip.



Budget spawns higher costs

Associated Press

WASHINGTON — Federal payments to doctors and hospitals would go down, driving up costs to patients. The government would be less generous to farmers and college students. And, under the budget deal brewing in Congress, a broad range of fees would increase — from tourists entering the country to inventors filing for new patents.

In fact, virtually all Americans would be likely to find themselves

digging deeper into their pockets.

Rudolf G. Penner, a senior fellow at the Urban Institute and former director of the Congressional Budget Office, sees a silver lining concerning the higher costs: "They're pretty widespread, so they shouldn't be intensely felt by any particular group or individual."

The proposals are contained in separate budget-cutting bills the House and Senate are girding to debate this week. The packages are aimed at paring the federal deficit by \$40 billion in

the budget year that began Oct. 1, by \$500 billion over the next five years.

So far, the tax increases contained in the plans have received most of the public's attention, with Democrats and Republicans vying to show the voters that the rich will pay their fair share.

But it's not just tax increases that the average American would notice should lawmakers and President Bush finally reach a deficit-reduction agreement.

See BUDGET on page 8

Memorial concert to honor Bernstein

Associated Press

NEW YORK — Flags at Lincoln Center were at half-staff Monday, and the New York Philharmonic said it will play the music of Leonard Bernstein rather than Beethoven in memory of the American musical titan.

Bernstein, whose passion at the podium, versatility as a composer and performances on television helped make him the nation's leading classical musician, died Sunday at his New York City apartment.

He died four days after he retired on doctor's orders, of sudden cardiac arrest caused by progressive lung deterioration from a tumor and emphysema. His son, Alexander, was at his side.

A private burial was scheduled for Tuesday at the Greenwood Cemetery in Brooklyn, where his late wife, actress Felicia Montealegre, is buried.

Bernstein wrote the scores for such classics as "On the Town" and "West

Side Story." He also lured countless thousands of baby-boomers into the world of classical music with his Emmy Award-winning "Young People's Concerts."

"He was the most unique musician of this century, there is no doubt about it," said Zubin Mehta, music director of the New York Philharmonic and the Israel Philharmonic Orchestra.

Bernstein conducted his first New York Philharmonic concert in 1943 at age 25 when he was called on to fill in for Bruno Walter in a nationally broadcast radio concert.

A memorial concert is planned for Carnegie Hall on Nov. 14, the 47th anniversary of Bernstein's Philharmonic debut.

In 1958, Bernstein became the Philharmonic's first American-born director and served in that capacity until 1969, when he stepped down to devote more time to composing. He served as laureate conductor until his death.



Universe Services

The general elections are four weeks from today. Beginning with today's paper, The Daily Universe will be covering state and local candidates as well as the issues.

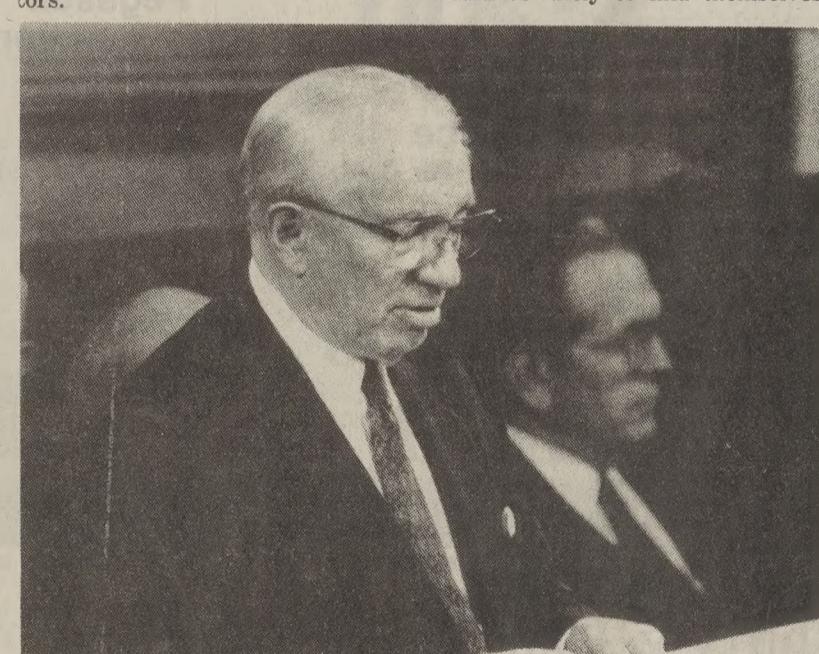
First we will present the topics and candidates; then we will follow up these stories with more in-depth reports.

Inside today's paper we have introductory stories on the following topics:

■ The House of Representatives race in Districts 1 and 2.

■ The House of Representatives race in District 3.

■ The initiatives on the ballot.



First Counselor in the First Presidency of The Church of Jesus Christ of Latter-day Saints Gordon B. Hinckley speaks at the Church's recent general conference. He will speak at the Devotional today at 11 a.m. in the Marriott Center.

Bush signs bill compensating Utah downwinders

He signed the measure during a campaign trip here.

The United States conducted more than 200 atomic tests in the open air in both the South Pacific and Nevada.

"Atmospheric testing of atomic devices — important to national security during the darkest days of the Cold War — ended in 1963" when the United States signed and ratified the Limited Test Ban Treaty, Bush said.

The bill authorizes \$100 million for a Radiation Exposure Trust Fund. Money for the fund would have to be appropriated in a separate bill.

The bill provides compensation for people who developed cancer in certain time periods and:

— Spent one or two years, depending on their type of cancer, in downwind areas of Nevada, Arizona or Utah from nuclear tests between 1951 and 1958, or between June and July, 1962.

— Or mined uranium in Colorado, New Mexico, Arizona, Wyoming or Utah from 1947 to

1971.

Uranium miners are entitled to payments of \$100,000.

Persons exposed to radiation and who contracted specific diseases would be entitled to \$50,000.

Courts have ruled the government was immune from prosecution because national security dictated a need for the uranium, but judges involved in the case urged the miners to seek redress from Congress.

NEWS DIGEST

Compiled from staff and news service reports

Supreme Court cracks down on porn

WASHINGTON — The Supreme Court turned aside free-speech arguments on Monday and boosted the federal government's crackdown on obscenity.

The justices let stand the forced closing of three adult bookstores and nine video rental shops in Virginia under a federal anti-racketeering law.

The businesses' owners, convicted of racketeering and selling obscene materials, had argued that the subsequent seizures of their properties violated their free-speech rights.

The seizures were carried out under provisions of the Racketeer Influenced and Corrupt Organizations Act (RICO). Those convicted under that law may be forced to forfeit all assets and proceeds stemming from their illegal activity.

Justice Byron R. White voted to hear the owners' appeal, but four votes are needed to grant such review.

The Virginia bookstore and video rental shop owners are the first ever prosecuted on racketeering charges stemming entirely from obscenity crimes.

In other court decisions Monday the court rejected the appeal of a former Air Force sergeant convicted in Washington state of aggravated assault for engaging in homosexual conduct while knowingly infected with an AIDS-related virus.

The Court also turned down the appeal of two Peotone, Ill., policemen who said they were disciplined unlawfully for wearing earrings while off duty.

Gorbachev's prize bittersweet to Soviets

MOSCOW — Soviet citizens rushing from store to store Monday seeking food, clothes and other essentials expressed as much anger as pride over Mikhail S. Gorbachev, winner of this year's Nobel Peace Prize.

"For world peace and disarmament, he has done an awful lot. But for his own people, he hasn't done much," said Bela, 53, a subway rider who declined to give her last name.

Most of the 15 Soviets interviewed praised Gorbachev's role in raising the Iron Curtain and ending the Cold War.

But they expressed anger over his domestic policies, blaming them for ethnic violence, inflation and shortages of staples ranging from gasoline to instant coffee.

Many of the Soviets said they believed he had received the award solely for his foreign policy. The Nobel Committee said his role in international affairs was the main reason for the prize, but it also praised him for promoting "greater openness" in the Soviet Union.

Senate passes defense spending bill

WASHINGTON — The Senate approved a defense spending bill Monday that leaves intact President Bush's 1991 budget request for the B-2 stealth bomber but trims spending on the Strategic Defense Initiative.

By a vote of 79-16, the Senate adopted the \$268 billion package for the fiscal year, which began Oct. 1, after turning aside a serious challenge to Bush's B-2 program. The legislation meets the levels set by Congress in the recently approved budget resolution.

Negotiators for the House and Senate will meet this week to hammer out a final version of the spending blueprint. The House-approved legislation slashes more than \$2 billion from the SDI budget, and stops production of the B-2 bomber at 15 planes, putting bargainers at sharp odds.

The Senate bill would reduce U.S. troop levels by 100,000, including 50,000 in Europe; would cut about \$1 billion from Bush's request of \$4.7 billion for the Strategic Defense Initiative; and would approve the administration's call for purchase of two B-2 bombers in fiscal 1991.

Execution is unlikely for Hi-Fi killer

WASHINGTON — There is only an 11 percent chance that condemned Hi-Fi killer William Andrews will ever be executed, according to new federal statistics on the death penalty.

The study, "Capital Punishment 1989," released Sunday by the U.S. Bureau of Justice Statistics, said the odds of executing an offender sentenced to death in 1974 — the year Andrews was convicted — are 17 out of 151.

The statistics also point out peculiarities in Utah's death penalty laws, including the fact that Utah and Idaho are the only states to have execution by firing squad. Utah is among 20 states that have execution by lethal injection.

The Beehive State joins Missouri in having the lowest minimum age at which someone can be sentenced to death — 14 years old.

Andrews is among eight convicts sentenced to death in 1974 who are still alive. He has been on death row longer than any other inmate in the country.

During those 16 years, Andrews has filed 26 separate appeals in state and federal courts.

National Enquirer deals with bad press

LOS ANGELES — The National Enquirer has been tattling about celebrities for decades, enticing millions of supermarket shoppers with tantalizing headlines about lustful, jilted or diseased stars.

Now, inquiring minds are witnessing the tabloid under siege.

In recent weeks, CBS-TV's "60 Minutes" did an exposé, Los Angeles magazine uncovered a sources scandal, and Elizabeth Taylor and Roseanne Barr have filed lawsuits.

But National Enquirer Editor Iain Calder said last week the tabloid's millions of readers — "largest circulation of any paper in America" — needn't worry.

Readers can expect more juicy headlines on the order of "Princess Diana Pregnant, How She Used Food and Sex Techniques To Make Sure It's A Girl."

"You won't see any difference in the way we cover stories," Calder said from his Lantana, Fla., office.

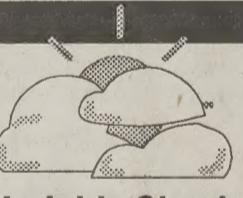
"After all these stories are run, within a few days, the dust will settle."

The current wave of Enquirer-bashing started with the October issue of Los Angeles magazine, which said the tabloid paid sources for stories they had nothing to do with.

WEATHER

Area Forecast

Today: Variably cloudy. Highs upper 60s to low 70s, lows in 40s.



Variably Cloudy

Yesterday's weather at BYU (24 hours ending 5 p.m. yesterday)

High temperature: 79
Low temperature: 39
One year ago high & low: 74/48
Peak wind speed: 20 mph at 11:30 a.m.
High humidity: 93%

Low humidity: 18%
Precipitation: 0"
Month to date precipitation: .60"
Water year to date precipitation (since Oct. 1): .60"

Source: BYU Weather Station, KSL

LUIS LEME/Daily Universe

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Thought of the day:
"He who can, does. He who cannot, teaches."
— George Bernard Shaw

Orton, Smith and Snow battle for sea

By TRENTON K. RICKS
University Staff Writer

According to Utah County's Democratic chairman, Utah 3rd Congressional District Democrats have a better chance to win the Congressional seat this year than ever before.

"Since the 3rd District was first conceived in 1980, and the first campaign was run in 1982, this is the best chance we've had to win the seat," said Robert Stringham.

This year's Democratic candidate, tax attorney Bill Orton, is running against Republican Karl Snow, a former vice president at BYU, and Robert Smith, a member of the American Party.

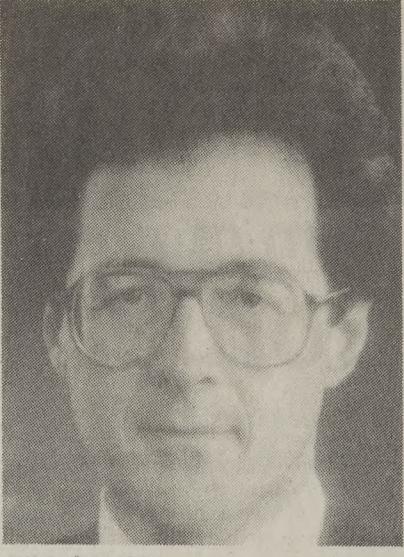
Stringham added that the combination of fielding a qualified candidate and the "tasteless Republican primary between Karl Snow and John Harmer" is the reason that he believes the 3rd District will elect its first Democrat representative in November.

Bill Orton, 42, said he decided to run for Congress after witnessing the problems the federal government has in making decisions that benefit its constituents.

"I'm a tax attorney licensed in Washington D.C., and have worked with Congressmen and their staffs," Orton said.

"I think it is absolutely outrageous that our elected representatives cannot sit down and reason together."

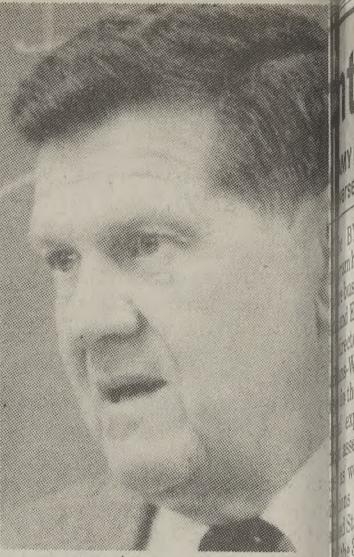
Republican Karl Snow said his interest in public affairs and public



BILL ORTON



ROBERT SMITH



KARL SNOW

management have kept him involved in government since the 1950s. He served in the Utah State Legislature from 1973 to 1985. During his campaign, Snow has emphasized the benefits his experience would bring to the 3rd District.

"My experience has given me a broad perspective on the issues," Snow said.

"Our major challenge is that we have congressmen that are more interested in getting reelected than serving the public interest," he said. To solve the problem, Snow said he would support a measure that would limit the terms of legislators.

Snow said his top priority if elected, however, would be working against Rep. Wayne Owens' Wilderness Bill.

"The bill is excessive and fails to recognize that the land is put there for man's use," Snow said. A bill which includes multiple uses of the land with environmental responsibility would be better for the state, he said.

American Party candidate Robert Smith is running for Congress in hopes to attract "disgruntled voters who are fed up with the major parties' seeming impotence in the face of ever increasing national and international problems."

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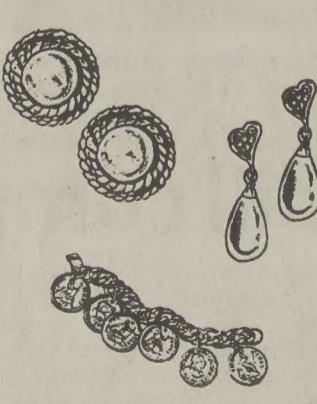
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CAMPUS

Interns foster European ties

LAMY ROMNEY
Universe Staff Writer

The BYU European Internship program helps prepare students to be business leaders in both American and European communities, said director of the program.

Trans-Whilhem Kelling said, "Not only do the interns gain great professional experience, but they are a great asset to the European companies as well because of the ties and emotions it creates between the United States and Europe."

The 350 U.S. students that participate in the summer program each year, 80 to 90 of them are BYU stu-

dents. Meyer, a senior from Kent, majoring in mechanical engineering, participated in the internship program this past summer working for BMW in Munich, Germany. "The reason why I did the internship was so I could gain factory experience working for BMW and have man ties in the future," he said. It is very worthwhile and beneficial

experience, Meyer said.

Erin Whitaker, a senior from Yuma, Ariz., majoring in math education, worked in Finland translating user-manuals for a small electronics company.

"The internship was one of the best

"The internship was one of the best things I've ever done. Not only did I gain confidence in myself, but I learned to trust other people."

— Erin Whitaker
European Intern

things I've ever done," she said. "Not only did I gain confidence in myself, but I learned to trust other people."

Whitaker said she gained experience that will help her in both her career plans and life itself.

Darren Breen, a sophomore from

Jasper, Ga., majoring in art education, said, "I want to teach in an international school in Europe, and I believe my work experience in Switzerland will be an asset when I go to get the job."

Breen worked in a department store selling sporting goods in Bern, Switzerland. He said it gave him a better understanding of the Swiss people and helped improve his language skills.

Bekki Norman, a junior from Bound, majoring in German, said she did an internship in Europe because she wanted to learn the German culture and improve her German language skills.

Norman was a nanny for a German family. She said it was hard when she first got there, but when it came time to go home she didn't want to leave.

Kelling said the program focuses on two purposes. First, the internship program helps develop better relations between Europe and the United States. Second, it gives the students an opportunity to improve their foreign language skills, he said.

Dr. Barton revolutionized organic chemistry by being the first person to visualize and correlate different molecular shapes with chemical reactivity.

His idea of molecules having a three-dimensional shape that affects reaction rates and outcomes is what earned him the Nobel Prize.

Nobel Prize winner to speak at lecture

LISA G. AVEI
Universe Staff Writer

The 1969 recipient of the Nobel Prize for Chemistry will speak at the H. Smith Broadbent Lectures at BYU.

Professor Derek Harold Richard Barton will speak Wednesday in a lecture for the general audience on "How to Win a Nobel Prize: A Personal Case History." Thursday's lecture, "The Invention of Chemical Reactions," will be directed to chemistry students.

"Dr. Barton's reaction involving free radicals has changed the whole way of thinking about natural products for organic chemistry, including sugars," Robins said.

Dr. Barton's work has already changed the world of organic chemists, and he has not quit yet, Robins said.

Barton also pioneered a number of new chemical reactions involving "free radicals."

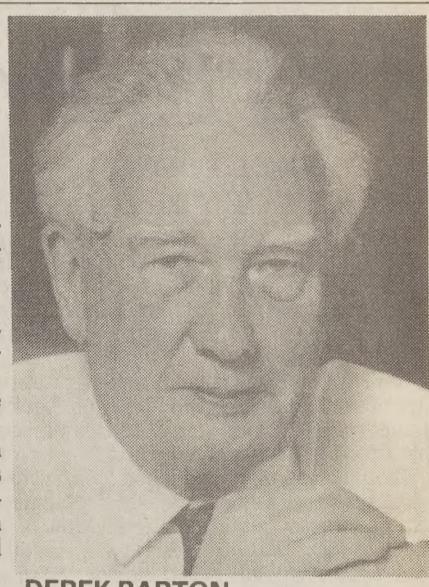
In reactions with free radicals, paired electron compounds are split by fragments with unpaired electrons.

One such process is with nitrite esters electrons.

The reaction is named the Barton reaction, after Dr. Barton. It is used to synthesize important compounds isolated from nature, such as steroids and antibiotics, said BYU professor Morris J. Robins.

"Dr. Barton's reaction involving free radicals has changed the whole way of thinking about natural products for organic chemistry, including sugars," Robins said.

Dr. Barton's work has already changed the world of organic chemists, and he has not quit yet, Robins said.



DEREK BARTON

Dr. Barton has won numerous national and international awards including a Royal Medal.

He was also knighted by Queen Elizabeth.

Barton will speak at 7 p.m. Wednesday in 321 ELWC and 3 p.m. Thursday in 241 ESC.

Recycling carries heavy load

JAYCEE BARRUS
Universe Staff Writer

Imagine hauling and storing the weight of three African Nile hippopotamuses. That's the quest of BYU's recycling project; a quest which amounts to 3 tons of materials daily.

In the early years, the LDS Church spent a lot of time and money on art. LDS missionaries were even sent on art missions.

Although paintings are not allowed in LDS chapels, they are allowed in LDS temples.

Barrett said art in religion played a major role in history because most people at one time were illiterate. Since art was a visual image, they could more easily identify with it.

Although most people today are literate, they are also very visual.

He said it takes a lot of research to paint people from a period in history. "People expect the painting to reflect how it really was in that period of time. If it is done right, people will be more apt to accept it."

Lila Larson of the Springville Museum of Art said, "Robert Barrett puts lots of researched detail into his work. If a teacher is featured in the painting, Barrett will make sure the trimming in his clothing is that of a teacher."

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LIFESTYLE

BYU to air food discussion

By STEPHANIE L. PERRY
University Staff Writer

BYU will be one of 400 college and university sites throughout the United States and Canada to broadcast the seventh annual World Food Day Teleconference.

The broadcast, in conjunction with World Food Day, will be today at 10 a.m. and noon in the SFLC Step-Down Lounge.

"World Food Day is held in recognition of the anniversary of the founding of the Food and Agriculture Organization in 1945," said Lora Beth Brown, assistant professor of food science and nutrition.

The purpose of World Food Day is threefold, Brown said. It is to remind people that problems such as malnutrition, hunger and the distribution of resources still exist, to focus attention on these problems and to motivate people to find solutions for these problems, she said.

At issue will be whether the world's food security can be maintained in the next 50 years despite a growing population, increasing pressure on natural resources, environmental decay and public resistance to some technologies, such as the use of inorganic chemicals, the teleconference concept paper said.

"The panel will consider these subjects in terms of options for the future — the scientific, political and ethical decisions that will influence the production and distribution of food and the use or abuse of the food resource base in the next century," the paper said.

Panelists for the teleconference will be Ambassador Robert O. Blake, chairperson of the Committee on Agricultural Sustainability for Developing Countries, Hector Gurgulino de Souza, director of United Nations University, Joan Dye Gussow, author and nutrition professor at Columbia Teachers College, and John S. Niederhauser, potato expert and winner of the World Food Prize.

Brown said one of the problems with world hunger is the "uneven distribution of resources on several different levels." Three levels are between countries, within countries and within families.

First of all, some countries have and use more natural resources than others, she said.

According to the teleconference concept paper, developed market economy countries have only around 15 percent of the population but produce more than a third of the food.

In contrast, developing countries have about 80 percent of the population but produce less than half the food, it said.

Brown said within countries, there are "haves and have-nots." Often, the wealthy consume more than their fair share of resources, while the poor consume less than they need. They may be homeless or have to go to a shelter to get food, she said.

Brown also said the distribution problem within families occurs more often in developing countries. The men and boys of the family sometimes get more food, she said.

Musical rewritten, performed in reply to Pres. Benson's plea

By LORI MCLEAN
University Staff Writer

The musical "A Day, A Night & A Day" was rewritten and performed in response to President Ezra Taft Benson's challenge to the artists of The Church of Jesus Christ of Latter-day Saints, in the October 1988 General Conference, to write drama and music based on the Book of Mormon, said Doug Stewart, script and lyric writer of the musical.

Stewart wrote the scripts for "Saturday's Warrior" and "Star Child."

The Book of Mormon musical, based on the scriptural account in the first chapter of 3 Nephi, was actually written in a playwriting class in 1968 while Stewart was doing his graduate studies at BYU, he said.

Stewart, a broadcast major, said he needed to fill credits and took the playwriting class for fun.

Stewart said he almost dropped the class later when he found out what the assignment was — to write a full-length play on any subject.

He chose to base his play script on the account in 3 Nephi about the few days before the sign of Christ's birth was given to the Nephites.

His play, "A Day, A Night & A Day," was performed at BYU the next year, which Stewart said changed his career focus.

"That was a spiritual experience in my life," said Stewart. "It changed my whole focus, and I realized that maybe my life work was in theater and film."

William Marsden, who wrote the music for the musical, said he heard about the play from his sister, who was attending BYU. "She came home, all starry-eyed, from BYU, lined us up on the bunkbed and read the script of a play called 'A Day, A Night & A Day,'"

Stewart said he put live theater behind him after the success of "Saturday's Warrior" and concentrated more on films such as "Where the Red Fern Grows" and "Seven Alone."

"What President Benson said in conference hit me hard," Stewart said, and in January 1989 he began revising the story line of his play.

The recent version of the musical is

substantially different from the original script, Stewart said. He said four musical numbers were cut, scenes were rearranged and one character part was killed.

"Most really great performances, such as 'Fiddler on the Roof,' go through tremendous, tremendous changes before they go on stage," said Marsden.

Stewart said he asked his brother-in-law Marsden, a classical pianist, to write the music for the production after an artist he had originally chosen didn't produce music Stewart felt was fitting for the message.

Most of the music Marsden wrote at first was more symphonic and serious, Stewart said, but some of the music needed to have the other side with a beat.

Stewart said he gave Marsden the lyrics to the song "Where is the Sign" one evening and told him to see what he could do, then left.

Marsden said he wrote the music, which was showlike and dramatic, and played it for Stewart when he returned.

"That is what made me decide Bill was the person to write the music. I just knew he could do it," Stewart said.

"It's a very draining experience to try to write music," said Marsden, who had never composed music before.

"I wanted to make it be dramatic without it being overly sentimental or hokey."

"A Day, A Night & A Day" contains more than 100 minutes of music, Stewart said.

The musical premiered in St. George in November 1989, said Barbara Stone, costume designer for the production.

The last performance there was on July 24, 1990.

Stewart said he tried to make the characters very real. The prophet Nephi's wife in the play, Esther, is an example. The mother's instincts to protect her children from death are very real, as were her conflicting desires to trust the prophet, Stewart said.

The theme of the musical deals with overcoming fear with faith, Stewart

Synthesis director plays sax at recital

By JACKIE HATCH
University Staff Writer

A BYU music faculty professor will be playing all four types of saxophones in a recital Wednesday night.

Ray Smith, director of the performing jazz group Synthesis, will perform four pieces, each piece being especially suited to a different saxophone.

This is a rather unusual undertaking, according to Smith, because most players concentrate on only two instruments.

"It's not as simple a task as one might expect," Smith said. Each instrument responds differently, and therefore it is "quite a challenge to get them to all sound good at the same time," Smith said.

He said the program is contemporary and classical. It will include "Fantasia" by H. Villa-Lobos for soprano saxophone, "Concerto" by Pierre Max Dubois for alto saxophone, John C. Worley's "Sonatina" for baritone saxophone and Leon Stein's "Sonata" for B-flat tenor saxophone.

Jeffrey Shumway, a music faculty member, will be accompanying Smith.

The recital begins at 7:30 p.m. in the Madsen Recital Hall, HFAC. Admission is free.

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SPORTS

's, Reds square off tonight in the Series

Associated Press

CINCINNATI — The place to be World Series is in the bullpen. Cincinnati's Nasty Boys vs. Cleveland's Bash Brothers in a confrontation involving more strategy than a chess match between Karpov and Kasparov.

The opening move is set for Tuesday night at Riverfront Stadium as Dave Stewart is expected to start for the A's against Jose Rijo. The Pittsburgh manager Jim Fregosi isn't involved, it's also expected the starting pitchers who will be up at the pregame news conference will actually start. But the real question is who will finish.

The A's are favored to win their straight World Series because Stewart, Bob Welch and Mike Davis. The Reds are given a chance by the Nasty Boys — relief pitcher Rob Dibble, Randy Myers and Charlie Charlton.

In 5 2-3 innings against the Pittsburgh Nasty Boys gave up one run and six hits while striking out 10. Dibble pitched five hitless innings striking out 10 to tie a playoff record for a reliever.

"It doesn't matter if a guy hits you in the head and right-handed or he's a left-hitter," Leyland said. "It doesn't matter if you have a midgut at the plate. If Rob Dibble is throwing 10 strikes per hour, I don't care if he's standing on your head. You're going to have a tough time."

Cincinnati's formula for victory is to be an early lead and then turn it over to the Nasty Boys in the sixth or seventh inning. The Reds were 66-22 when they scored first and 74-6 when they took the lead after six innings.

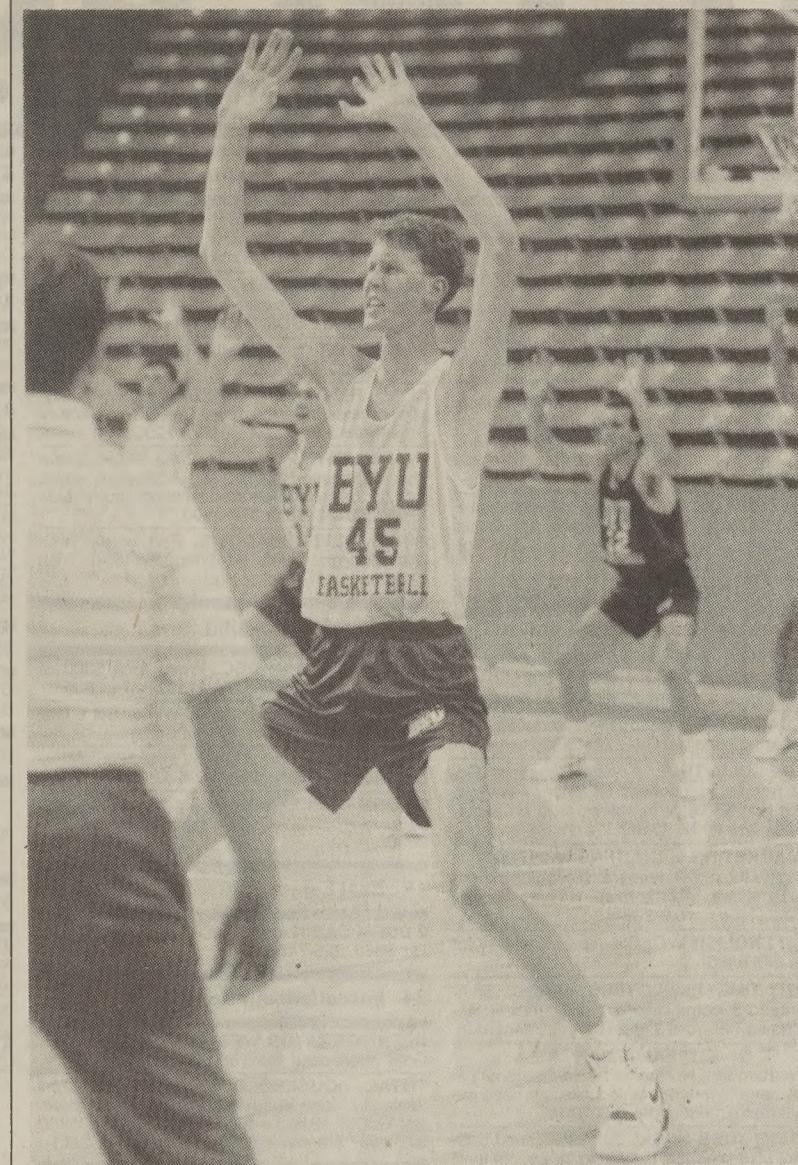
The A's, as demonstrated against the Nasty Boys, have all sorts of ways to win. The best is to bring in Dennis Hayes and friends.

In the Oakland bullpen of Eckersley, Honeycutt and Gene Nelson had to give up five hits and no runs in 6 2-3 innings during the AL West.

In the playoffs, Oakland and Cincinnati relievers combined to give up 18 earned runs and 14 hits in 25 games, striking out 24. Myers never sat down and analyzed the bullpen, Myers said. "They're the best in closers in Eckersley, Honeycutt and Gene Nelson," he said.

With the play-offs, Oakland and Cincinnati relievers combined to give up 18 earned runs and 14 hits in 25 games, striking out 24. Myers and Dibble were co-MVPs of the NL playoffs. The Reds won their first pennant in 1976 on Friday night in Game 6. Myers saved three games to tie a record.

Dibble was so good it went beyond success.



Universe photo by Kim Norman

First day back

Freshman Shawn Bradley, Coach Roger Reid and the BYU basketball team faced their first day of practice Monday. Bradley is BYU's 7 foot-6-inch recruit. Reid returns to coaching after surgery on both knees at the conclusion of last season.

Harriers take 2nd and 3rd

By JOHN MILLER
Universe Sports Writer

The BYU men's cross country team took third Saturday at the Arkansas Invitational, while the women harriers took runner-up honors Monday morning at the Pre-NCAA Championship in Knoxville, Tenn.

Arkansas, who is ranked No. 2 in the nation, walked away with their own meet's trophy by placing all five of their runners in the top ten, while the Arkansas Alumni took runner-up honors by taking four other positions in the top ten.

BYU's top finisher was sophomore Dave Spence, who covered the 10K course in 31 minutes, 24 seconds to finish in 12th place.

Coach Sherold James said, "We ran a really good race, in my opinion, but we just met up with a real powerful team in Arkansas. Last year we gave them a scare, so they were prepared for us this year."

"I found out that we are going to have to work on our speed, but our grouping was still really good," James said. "By the time Nationals comes around I feel we can compete with anybody."

The rest of the team closely followed with less than a minute separating the top five finishers. Senior Carl Hanson finished in 14th with a time of 31:36. Junior Doug Hobbs and freshman Brandon Rhoads finished 18th and 19th respectively, and sophomore Bryan Whitesides rounded out the team scoring in 24th place.

"Arkansas stacked it well, but we should have been closer to them," Hanson said. "They went out really fast and we just tried to hold on. It was a humbling experience for us."

The No. 5-ranked women's squad fell a little short to the defending National Champions and No. 1-ranked Villanova University team with a score of 46 to 77. The closest competitor to either of these two teams in the 16-team event was sixth-ranked Tennessee, who finished with 120 points.

The BYU women's team was led by newcomer from Lublin, Poland, Dorota Buczkowska. She covered the 5K course, which was run on the hilly Pine Lakes Golf Course, in 17:08 to finish fourth.

University of Tennessee's Patty Wiegard captured the individual title with a winning time of 16:58.

Others helping in scoring were senior Nicole Birk, who finished with an impressive 17:16 to finish in seventh. Freshman Tonya Todd took 15th, and she was followed by All-American Leanne Whitesides in 23rd place and junior Angela Lee in 33rd.

"We were pleased with the results, teamwise," Coach Patrick Shane said. "But we can do better. Our All-American Leanne Whitesides is still not where she needs to be."

"It isn't that she hasn't been training," Shane said. "She probably has been training too hard and needs some recovery time."

The men are in action this weekend at the Utah State Invitational.

Lacrosse loses O.T. heartbreaker

By JOHN MILLER
Universe Sports Writer

The

BYU

Lacrosse

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weekend.

The upset came in the team's second-round matchup with Denver University, 6-5, with player/coach Kirschner leading the team in scoring with three goals and Clint Hustedt tossing in two in the second half.

With 90 seconds left in the game, Cougars trailed 5-3; the hopes for victory seemed slim. But the turned when Feldstedt scored 70 seconds left in the game to put the team within one point of tying it into overtime.

With less than 20 seconds remaining, Dave Garff intercepted a

pass and threw it the length of the field to Kirschner, who shot it past Denver's goalie to force the game into overtime.

"We had the ball to start the overtime, but we threw it away," Kirschner said. "We got another penalty, which put us a man down and gave them advantage to win, which they did."

"We made too many mental errors in our match against Denver," Kirschner said. "They out-hustled us in all aspects of the game, but we showed a lot of composure to even come back and tie the match."

The team opened the tournament with a convincing victory over the Vail Lacrosse Club 8-5. Attackman Bill Freedman was the team's leading scorer with three goals.

"We were pretty loose against Vail

Lacrosse Club," attackman Marty Wescott said. "We got out ahead 8-2, and we threw it into neutral and just tried to sit on our lead, and let them back into the game."

After their tough defeat against Denver, the team returned to their winning form when they beat an admirable opponent in the University of New Mexico's lacrosse team 12-2. "Everybody got into the action against UNM," Kirschner said.

"UNM was talking, before the game, like they could beat us," Wescott said. "So we just went out there and whooped up on them pretty handily."

The team has tentatively scheduled its opening home game for this Saturday at the Helaman Halls Field against a combined team from Utah and Utah State.

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Win, lose or bye, BYU moves in polls; victory doesn't guarantee move up

By KALANI CROPPER
Assistant Sports Editor

After a crushing victory over Colorado State University Saturday, BYU dropped one place to 10th in the United Press International poll of football coaches, with a 5-1 record. In the Associated Press sportswriters poll BYU rose one spot to 12th. The University of Michigan (3-2) is 10th in the AP poll after a loss to a 2-2-1 Michigan State team ranked 24th. Meanwhile Miami is back at No. 2.

So what do these football rankings really mean anyway?

Rick Warner, AP sports writer, in New York, said "unlike basketball, the rankings determine the national championship."

A team's chance to move up depends on the records of the teams ranked above it as the season progresses, said Warner.

"They (the rankings) would mean a lot more if we hadn't lost a game and had a shot at No. 1," said John Christensen, sophomore defensive back.

BYU junior safety Josh Arnold said, "Most important to us now is to win our conference, go to the Holiday Bowl and win."

"Rankings are something a team doesn't have much control over," said Chris Pella, recruiting coordinator and kicking coach for BYU.

"I think there is a little bit of an eastern bias," Warner said. However, it's not as bad as it has been in the past.

AP Top 25

| | |
|-------------------|-------------------|
| 1. Virginia | 13. Washington |
| 2. Miami, Fla. | 14. Colorado |
| 3. Tennessee | 15. Southern Cal. |
| 4. Nebraska | 16. Oklahoma |
| 5. Auburn | 17. Florida |
| 6. Notre Dame | 18. Mississippi |
| 7. Florida St. | 19. Texas |
| 8. Illinois | 20. Indiana |
| 9. Houston | 21. Wyoming |
| 10. Michigan | 22. Clemson |
| 11. Georgia Tech | 23. Iowa |
| 12. Brigham Young | 24. Michigan St. |
| | 25. Texas A&M |

Women's soccer team 2-1 in weekend matches

By ROBERT MAYER
Universe Sports Writer

The BYU women's soccer team sandwiched two wins over Colorado Christian College and Colorado State University around a 3-0 loss to nationally-ranked Metro State College in Colorado this weekend.

"The score was not indicative of the game," BYU Head Coach Jennifer Rockwood said. "3-0 sounds like a beating. I thought we played better." Rockwood said the Cougars had far more opportunities on offense than Metro State did.

Kelly Toth, a BYU freshman defender, agreed with Rockwood. "It was disheartening because we controlled the ball, and our defense finally pulled together after the last few games."

Metro State, a nationally-ranked

division II team from Denver, led 2-0 at halftime and added a late goal against the Cougars, who now own a 14-2 record.

Thursday BYU beat Colorado Christian, 2-0. The game was a rematch of a Sept. 7 meeting that BYU won 4-0. Alysson Gibbs, playing despite back pains, scored the first goal 25 minutes into the game with a quick shot into the upper right corner of the goal from 22 yards out. Seven minutes later freshman Devon Bohon followed with her first goal of the season.

Colorado State hosted the Cougars Saturday afternoon in Fort Collins. BYU exploded with three goals in the first twenty minutes of the game and defeated the Colorado State team 4-1. BYU, who beat Colorado State 7-1 earlier in the season, was led on offense by the two goals of Alysson Gibbs, in addition to Brenda Rosenzweig and Kristin Gebhart, who each added a goal.

"The loss to Metro got us pumped up to win," said Joann Evenson, sophomore defender, about the quick start in the Colorado State game Saturday.

This week the women host the Renegades, a club team from Salt Lake, Thursday at 7:30 p.m., and Utah State Saturday at 1:00 p.m.

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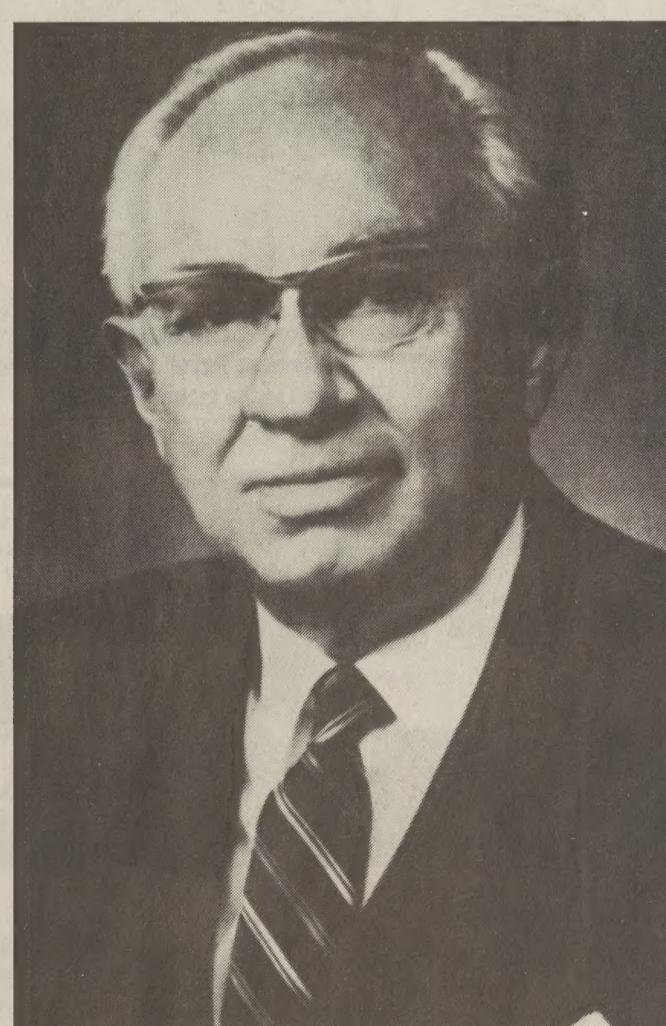
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Economic surge should help struggling educational system

ELIZABETH PEDRO
Universe Staff Writer

The 1980s were a difficult decade for Utah's educational system, but financing of Utah education during the 1990s should be somewhat easier, according to a report by the Utah Foundation.

The Utah Foundation, a private research organization, analyzes school trends in Utah and the United States. The study outlines key factors that contributed to the school financing problem in Utah during the 1980s.

According to the report, the main factor that contributed to Utah's educational problem was that school enrollment in the state rose rapidly as they declined in most of the other states in the nation.

Between 1980 and 1990, public school enrollments in Utah climbed 31 percent, but in the United States as a whole there was a decline of 1 percent. This increased enrollment contributed to many educational problems in the 1980s.

One of the problems was the low amount spent per school child. Dur-

ing the 1989-90 school year, Utah spent \$2,733 per pupil, 44 percent below the U.S. average of \$4,896 per pupil.

The increased enrollment also contributed to the large class sizes. Although the class size in Utah remained the same as it was in 1979-80, the nation's average class size decreased by 10 percent during this same time. Thus, Utah's average enrollment of 23.4 pupils per teacher was about 36 percent higher than the U.S. average of 17.2 pupils per teacher.

Another major concern in Utah is that teachers' salaries are the lowest in the nation. The average salary for Utah teachers is \$23,652, compared to the national average of \$31,304.

In the report, the Utah Foundation said one reason for the low salaries is the average salary of all workers in Utah is about 14 percent below the average of all workers in the nation. Living costs in Utah communities are also about seven to 12 percent lower than that of the nation as a whole.

Despite the major obstacles, the Utah education system is facing, the Utah Foundation predicts a great im-

provement in the financing of Utah education. The foundation listed four reasons from which it based the prediction.

First, Utah's birthrate has been declining, and school enrollment growth in the state has been slowing down in recent years. If the present trends continue and the decline in enrollment in the nation ceases, then the wide enrollment disparity between Utah and the rest of the nation should narrow.

Second, after struggling throughout most of the 1980s, Utah's economy has improved dramatically over the past few years. Utah has concluded the past three fiscal years with sizable surpluses.

Third, the large enrollment increases of the past in Utah are producing a rising number of high school graduates.

While the rest of the nation will be suffering from serious labor shortages, Utah schools are providing the state with a growing, well-educated workforce.

"I personally feel that there has been a tremendous amount of preparation for teachers, and anytime you

put in that much preparation you will see results," said Dr. Paul Hollingsworth, the chair of the BYU Elementary Education Department.

In the last decade alone, the number of high school graduates rose by nine percent in Utah but declined by 15 percent throughout the nation.

The number of high school graduates in Utah is expected to increase by an additional 30 percent by the year 2000.

Last, national companies are beginning to realize the importance of these demographic trends, and many are establishing new companies in Utah.

In the past 12 months, 33,000 new jobs were created in Utah.

According to a recent issue of U.S. News and World Report, Utah is one of six states that are prospering amid the nation's malaise.

A Fortune magazine article lists Salt Lake City as the best place in America to do business in the 1990s.

One of the main reasons for the ranking was the availability of plentiful, high-quality and low-cost labor.

Methane gas a problem at East Bay Golf Course

By PATTI HARMER
Universe Staff Writer

Waste products and various types of soils and methane gas are the major problems Provo City officials are dealing with in regard to the East Bay Golf Course.

The reclamation project was opened in July 1986 and has grown to be a huge success, according to Leroy Dennis, Provo's director of Parks and Recreation.

The course is being built on a landfill and an orchard owned by The Church of Jesus Christ of Latter-day Saints, he said.

One of the obstacles deals with the garbage factor since the course is built partially on a landfill.

In order to begin the project, the garbage had to be taken out of the landfill and shipped to the orchard to compress it, Dennis said.

The compressed garbage was used to build up the course in certain areas and was then covered with dirt, he said.

Another unexpected problem turned out to be four various types of soils that were found on the course. Some soil had more clay and some had more sand in it, Dennis said.

None of the dirt was imported to the course, so it was difficult to find the right types of trees that would grow, he said.

The other obstacle is methane gas, which comes from materials which are decomposing.

The gas is toxic to the grass because it doesn't allow any oxygen for the plants to grow, but it is not toxic to humans, said Dr. Frank Williams, assistant professor of horticulture.

"It is like natural gas because it is potentially dangerous for suffocation, and it also could create a fear of explosion if contained in a closed, unventilated area," Williams said.

The project was started about six years ago, and it is only in the last couple of years any problems have

been encountered, Williams said.

"Some particular areas are harder to deal with," Earl Williams said. "The carps flush out waste to the top of the pond, and some parts of the grass are brown than others, but we are doing everything possible to correct the problems, such as finding out how much is produced (methane gas), where it is produced and airifyng the soil."

The golf course will remain open as long as the weather permits.

Last year it was only closed during the month of February, according to Earl Williams.

"There were 55,000 golfers when it first opened in 1986, and in its fourth year, it brought in 85,000 golfers," Dennis said. "It has been a huge success, and we hope it will continue to do as well as past years."

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Geneva air to benefit from system

PATTI HARMER
Universe Staff Writer

Geneva is planning to install a \$57 million system to improve air quality.

Geneva plans on putting in two Q-BOP (Basic Oxygen Process) furnaces, which will decrease the amount of emissions within the plant. They decided this instead of installing a \$100 million continuous casting system which would have increased its steel industry, said Sam W. Klemm, deputy director.

Geneva produces about 26 percent of all the plate made in the United States, but it still wants to remain competitive in the rolled steel market, he said.

Replacing the open hearth furnaces with the Q-BOP furnaces, Geneva will decrease the amount of energy it takes to produce the steel, and, in turn, reduce the number of PM-10 particles (fine particulate matter) as well, said Jonathan Edwards, Geneva's department of communications.

It will take about 45 minutes per batch of steel

as compared to 4 to 6 hours in the open hearth," he said. "It uses less fuel, is much faster and produces better quality steel because it is computer controlled."

There is no toxic or hazardous waste coming from this process because it only uses oxygen, Edwards said. "It doesn't produce nitrogen oxide, which produces the PM-10 particles," Klemm said.

Environmentalists argue that even though the process might reduce some of the emissions given off, Geneva is not decreasing the most dangerous emissions.

The coke oven emissions are the worst type being given off when the steel is being refined, according to the group, Utah Citizens for Clean Air.

There is another way of processing the steel, called direct steel-making, in which it is possible to make a high amount of steel and still have low air pollution, according to the group.

It thinks Geneva should implant the process into its system.

The furnaces themselves were bought from a closed down steel mill in Chicago with less than a

year's usage, even though they are nine years old, Edwards said.

Geneva has brought in core jobs for 2,600 people, Klemm said.

Geneva directly affects these people and it also indirectly affects other businesses, he said.

Geneva brings in money from outside the state into Utah County.

When it was shut down in 1987, the merchants suffered, Klemm said.

In dealing with environmental activists, Klemm said there should be a happy middle ground between the two involved parties. "There is no pleasure in environmentalists," he said.

"They have extreme viewpoints of what can be done to improve the air pollution problem or any other environmental issue."

The Q-BOP furnaces are just one phase of Geneva's plan to upgrade its effect on the environment. By installing the Q-BOPS, Geneva hopes to control up to 95 percent of the emissions.

Geneva is also working on other areas to become a completely self-sufficient plant.

Utah educators set high goals at association's conference

By ELIZABETH PEDRO
Universe Staff Writer

Continued from page 1

This mainly effects people who have emphysema and respiratory diseases, but a current hypothesis is that it also causes emphysema as well as lung cancer and other lung diseases, Hansen said.

The fastest growing cause of death in the United States is emphysema and chronic bronchitis," Rushforth said. In Utah County the rate is higher than it should be, are losing up to 75 premature deaths per year because of respiratory problems caused by air pollution.

Other pollution problems in Utah are ozone and carbon monoxide, both of which are mainly caused by cars. Absorbing carbon monoxide causes the heart and lungs to have to work harder, Hansen said.

The onset of the inversion layer in winter makes pollution especially worse.

The best ways people can curb pollution problems is to

less.

We need to cut down the mileage in this valley dramatically," Rushforth said.

Rushforth suggested riding a bike, taking a bus or doing errands in one trip instead of several.

Cut down on PM-10, Rushforth said.

"We need to do everything we can to make sure industry cleans up. We don't burn wood stoves during inversion periods and don't drive older vehicles."

Wood stoves account for 15 percent of the PM-10 in the winter time, Hansen said.

Pres. Benson satisfactory

University Services

President Ezra Taft Benson, leader of The Church of Jesus Christ of Latter-day Saints, remains in satisfactory condition and in a "regular hospital room" in LDS Hospital, said a Church spokesman.

Don LeFevre said President Benson is still in satisfactory condition and in a "regular hospital room" in LDS Hospital.

President Benson has been in the hospital for 29 days.

LeFevre did not know when President Benson would be released.

made a significant impact on both that teacher's professional life and the life of that child," Eskelson said.

"We had very positive feedback from the teachers that the convention was both informative and positive."

Eskelson said the three main goals of the 1990 UEA convention were providing teachers with new information, presenting innovative teaching techniques and updating teachers on technological advances.

The convention consisted of general sessions, specialty meetings, exhibits and a variety of activities to educate the Utah educators.

Bert Simmons, president of the Education Co., was the keynote speaker of the conference.

Simmons said positive attitudes and knowledge are important to a successful teaching career.

Simmons also said it is important to tell students good things about themselves.

Highlights of the conference included a Project 2000 Kidspeak Forum, children's book authors, a workshop teaching how to help children bounce back from problems of everyday living and various classes and workshops.

"If we can provide the solution to just one student's dilemma, we have

Free Community Lecture

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Tuesday, October 16, 7 p.m.
UVRMC Clark Auditorium
(south side of hospital)

This presentation will be made by Bill Marshall, Ph.D., and Christina Marshall, Ph.D. This husband and wife team lecture frequently on building strong families and the important role marriage plays in parent/teen relationships. They have written many books and articles on family relations, and have three children. Bill works at Utah Valley Regional Medical Center as the director of Child and Adolescent Services. Christina is a full-time university instructor and researcher.

There is no charge to attend this presentation, but space is limited. Call 371-7250 for additional information.



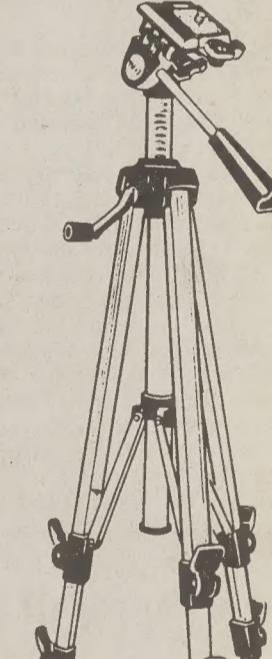
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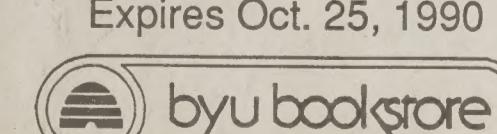
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Universe Services

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The work sometimes involves intense pressure and irregular hours. Students must work quickly, organize information and work well with others.

Although positions are open to students of all majors, normally applicants must have completed Communications 211, 312 and 323. 365R is required for those wishing to work as photographers. Equivalent experience may be accepted.

The following positions are available: editor, news editor, campus editor, city editor, lifestyle and sports editors, copy chief, associate copy chief, usage specialist, Monday editor, graphics editor, night editor, opinion editor, photo editor, associate photo editor, wire editor, senior reporter, 312 teaching assistant, apprenticeship coordinator, morning editor and assistant editor positions.

Utah parks face cutback BUDGET

By RICHARD K. LEFRANDT
University Staff Writer

Although Utah National parks won't close, there will be cutbacks on maintenance and services if Congress doesn't pass a budget, said a public affairs officer for the intermountain region U.S. Forest Service.

Wallace Shiverdecker said if Congress doesn't pass a budget by Friday, the Gramm-Rudman act will go into effect, causing an estimated 32 percent reduction to the budgets of unprotected government agencies.

The Gramm-Rudman Act is a bill that guarantees the national debt will not increase.

"This will cut all government programs pretty much across the board," said Paul Williams, the public relations director for Utah Congressman Howard Nielson.

The cut would take effect in one of the following three ways: An agency could receive less funding than in 1989, it could receive the same amount of funding or it could receive less of an increase than counted on.

This will vary according to the program and size of the agency, Williams said.

No agency or program will receive as much funding as they normally would have, he said.

Government agencies protected are those deemed essential by President Bush.

These include air traffic controllers, post office workers and military officers involved in Operation Desert Shield, Williams said.

Those government funded agencies that are not protected will respond according to the fixed cost their personnel and programs require.

"A fixed budget cut is inevitable," said Brent McBath, the branch chief of recreation lands for the Uinta National Forest.

There will be cuts because the federal deficit exists, and the government is not always efficient, he said.

"Each agency you talk to will give you different answers of where they'll be hit the hardest," McBath said. "They will have to be effective and efficient in how they manage themselves based on the reduced budgets they'll receive."

"There is a feeling of mild panic with what might happen in regards to further cuts that may come," said Liz Appling, the administrative officer for Timpanogos Cave National Monument. The cave closed a week early this year because of the budget constraints, Appling said.

"You're seeing this all across the country with the parks being shut down early and losing personnel," Appling said.

"State and federal government agencies are not getting the leverage they need to be more effective," said Garth Heaton, the recreation coordinator for the six national forests in Utah.

"We are in a wait-and-see mode," said Jolene Reed, administrative officer at the Uinta National Forest. "I have confidence in the people in Washington," she said. "I believe that they'll get the budget resolved by the 19th."

"When the chips are down, I feel that they'll come through," Reed said.

"Right now it's conservative business as usual," Reed said.

"Having been around in this line of work for 24 years and working with the budget, I am confident that we will be able to manage through this."

Continued from page 1

In fact, most of the savings in the packages Congress plans to vote on come from spending reductions.

Among the programs hardest hit would be Medicare, which helps 33 million elderly and handicapped Americans pay their medical bills.

Increases in the program, one of the fastest growing in the government, would be held to \$43 billion to \$49 billion below the amount needed to keep pace with inflation over the next five years.

The Senate Finance Committee bill would hold increases in payments to hospitals to 3.2 percent in 1991, 2 percent below the expected rate of inflation for hospital costs.

Reimbursements to family doctors would increase by just 2 percent next year, while payments to specialists — such as surgeons — would be frozen at this year's levels.

Plan would raise taxes on all but poor

Associated Press

With their federal reimbursement reduced, doctors and hospitals could be forced to pass their costs onto patients — all patients.

The government limits the ability of health-care providers to boost costs for Medicare recipients. Medicare patients themselves are being singled out by the budget writers.

The \$75 they must pay each year doctors' bills before the government begins picking up the tab would increase to \$150 next year under Senate Finance bill, \$100 under House Democratic plan.

Farmers would also be hit by a significant reduction in federal agriculture subsidies, totaling \$13.6 billion over the next five years.

Although details were not finalized, lawmakers tentatively decided to reduce acreage eligible for crop subsidies by 15 percent for each farm beginning in 1992.

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New campus bike racks placed near Lee Library

By BRIAN S. BREINHOLT

University Staff Writer

Additional bike racks have been placed on campus to meet the increased demand for bicycle parking, said a university traffic office official.

Traffic officers have adjusted bike racks for better access, and placed an additional 10 bike racks on campus, said Mike Harroun, director of the BYU Traffic Office.

Sgt. Jeff Vest, BYU traffic officer, said most of the new bike racks were placed in the central part of campus, near the Harold B. Lee Library and the John A. Widtsoe Building.

"There are now sufficient bike racks on campus and bikes need to be parked in them," he said.

Bikes hampering ground maintenance or hindering access to buildings and facilities will be removed, Harroun said. "Bikes found locked to fences, trees and railings will be impounded," he said. Such laws minimize damage to trees and railings, which is costly to the university.

When impounding locked bicycles,

Custodial jobs more flexible, offer later, shorter shifts

By JILL G. JONES

University Staff Writer

Students who considered working for the custodial department in the past but were discouraged by the early hours may want to take a second look at what is now available.

The custodial department at BYU has looked into the needs of its student employees and has made some changes it feels will benefit these workers by creating more flexible working hours and shifts, said Leo Butters, assistant area supervisor in the J. Reuben Clark Law Building.

In the past, students may have been dissuaded from working for the custodial department because of the early hours, Saturday work or the number of hours needed to work, said Butters.

According to a departmental release, the majority of custodial work on campus was accomplished during 4 to 7 a.m. shifts during the week and 4 to 9 a.m. shifts on Saturdays.

"This schedule had the advantage of being able to clean buildings when they were being used least," said Butters. "However, these shifts also had the disadvantage of putting a strain on many of the student employees."

There are now opportunities for working three or four days a week, from two to four hours a day (10 to 20 hours a week), Butters said. There are more evening shifts and other opportunities for flexibility in work schedules.

"While it is true that we still need to

Utah parks face cutback BUDGET

AT-A-GLANCE

The *At-A-Glance* column is for announcements and notices of meetings of organizations and groups which are not BYUUSA-affiliated clubs. Announcements from officially recognized clubs appear in the *Clubnotes* column which is published on Thursdays. Submissions for *At-A-Glance* must be received by noon on Monday for Tuesday's paper and by noon on Wednesday for Thursday's paper. Items must be submitted in writing, typed, double-spaced, typed on an 8 1/2-by-11 sheet of paper and should not exceed 25 words. Submissions of a commercial nature, or which advertise activities resulting in remuneration to anyone, will not be accepted. Phone numbers will be accepted by phone.

ON-CAMPUS BIKE POLICY — Students interested in voicing opinions concerning new policy are welcome at Student Advisory Council committee meeting today at 6 p.m. in 237 ELWC.

OPPORTUNITIES IN STATISTICS AND ACTUARIAL SCIENCE — Today at 10 a.m. in 211 TMCB. Seminar on education and career options.

OPPORTUNITIES — IN MANUFACTURING ENGINEERING AND TECHNOLOGY — Wednesday at 4 p.m. in 381 CB. Seminar on educational and career options.

DENTAL SCHOOL VISITS — University of Wyoming dental school presentation on Thursday at 11 a.m. in 225 MARB. Contact 378-3044 for interview appointment.

LA LECHE LEAGUE — A non-profit organization established to give peer support and information to women wanting to breastfeed. This month's meeting will be held on Oct. 23 at 7:30 p.m. at 592 E. 200 North in Orem. We will discuss nutrition and weaning.

VOLUNTEERS NEEDED — to work with handicapped children at Oakridge School. For more information call Mark at 373-7435 between 8 p.m. to 10 p.m. or Christy at 378-3057 between 3 p.m. to 5 p.m.

RECENT MEDICAL ADVANCES IN SKIN CANCER — Tuesday at 7 p.m. in 207 REB.

PRELAW STUDENTS — Pick up information about majors, LSAT and law schools at 100 SWKT. If questions after reading material call 378-2318 and leave message.

RACC — Volunteers needed to tutor emotionally troubled adolescents and children. Orientation meeting Thursday at 7 p.m. in 202 ELWC. For more information call Diane at 377-3155.

BRIGHAM YOUNG ACADEMY — A service club for everyone. Don't miss the Idea Mini-forum Thursday at 7:30 p.m. in 202 MSRB. Club meetings are now held at 7 p.m. every Tuesday. Call 371-2197.

MARKET OF IDEAS — Tuesday and Wednesday

at 7:30 and 9 p.m. at 321 MSRB. Presentations on the Middle East, the Moslem world and the Israel and Palestine conflict. Feature: Washington D.C. lobbyist, OMAR KADAR. No admission fee, everyone invited. Refreshments.

WRITERS CORNER — A special guest, Leve Peterson, author of *The Canyon of Grace* and *The Backslider*, will read from his new book, *Night Soil and Other Stories*. Today at 2 p.m. at 216 JKHB.

CAREERS CONNECTION — Dr. Jim runs out on opportunity to meet one-on-one with successful alumni. Registration is going on now at the Alumni House Lobby. Call 378-7621 for more information.

EDITING INTERNSHIP — For graduate students. Presentation today at 10 a.m. or 3 p.m. in 2107 JKHB. Come and learn details and receive application forms.

PARENTS FOR CAESAREAN PREVENTION — Meet Thursday at 7 p.m. in 250 W. 800 North in Provo (Provo Utility Bldg. auditorium). Topics: Labor Support; The Role of the Husband — The Role of the Labor Assistant; Nutrition during Pregnancy. Call 378-2242 or 378-3000. DeAnn J. 378-3000.

VERTICAL ASCENT CLUB — Are you going to City of Rocks? Remember the mandatory pre-trip meeting today at 5 p.m. in 378 ELWC. You must attend the meeting or call Jon Baker at 374-5376 to go.

INTERNATIONAL FORUM — The Honorable Percy Eastman will speak on "Canadian Perspectives on North American Free Trade" Oct. 22 at 10 a.m. in 238 HRCB.

INTERNATIONAL FORUM — The Honorable Stephen Katzenbach will speak on "The New Uganda: Prospects and Potential for Development" Friday at 11 a.m. in 238 HRCB.

LECTURE OF THE MONTH — Dr. Daniels Peterman, author of *What the West Owes the East* Thursday at 7 p.m. in 202 JKHB.

WASHINGTON SEMINAR — Yes, it's true. Applications are still being accepted for Winter 1991. More than 500 different internships available to qualified students. Must be a junior or senior with a 3.0 GPA. Flyer on more in 745 SWKT.

LONDON JANUARY — Jan. 1991 Study Abroad still has openings. Apply immediately at the Study Abroad Office in 204 HRCB.

COUNSELING GROUP — A discussion group for older students will be conducted Thursdays from 3 to 5 p.m. in 136 SWKT. Other students are invited. For more information call 378-7280.

Telecare reaches out to homebound elderly

By SUE N. WANJI

University Staff Writer

clean the buildings during the hours of least use, we can make the work opportunities within those hours the most compatible possible with student's lifestyle and educational needs," Butters said.

Don Wood, director of custodial services, said, "We cannot meet everyone's needs exactly, but we are determined to continue to attract and keep the high quality workers we have in this department.

"In return we want to offer them the greatest flexibility in scheduling their work hours and shifts to assist them in their goal of finishing their schooling," Wood said.

Tracy Liu, 21, a speech therapy and audiology major from Ottawa, Canada, said the change has "made work more enjoyable and motivating." With the new schedule, Liu said more students may want to work.

"Our prime concern is to make sure the elderly and the handicapped who live alone are doing fine and are also taking their medications," said Corry Tanner, executive director of the Telecare program.

"Volunteers are trained for this job, and they are assigned one day each week to call clients and ask how they are doing," Tanner said.

When a volunteer calls a client and does not get an answer, the volunteer then calls a neighbor to check on the client.

If the neighbor doesn't get a response, the police are called to check on the person.

Clients are also told to call Telecare, but some forget, Tanner said.

He told of an incident where a client didn't call, and the volunteer caller didn't receive an answer.

The police were informed, and they discovered the client had broken a leg and could not get to the phone.

The client was taken to the hospital, Tanner said.

Most of the volunteers for Telecare have been involved in the program for many years, Tanner said.

The program has 20 clients to call on a daily basis. Most of them are females, Tanner said.

The Telecare program was formed by Provo Red Cross over five years ago.

Those interested in Telecare should call 378-3580.

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